

Weather Notes - Mch. 1923

Escaped Canary in winter.

Wilton to Summit

Wilton to Downey

Downey to Iowa City.

Iowa City to Hill

Washington co.

S. Johnson co.

Muscatine co.

Louisa co.

Washington co.

Jefferson co.

Henry co.

Jefferson co.

Wapello co.

Monroe co.

Lucas co.

Madison co.

Polk co. 5/19 1923.

Jasper co. " "

Poweshiek co. " "

Iowa co. " "

Johnson co. " "

Linn co. 5/21 - 1923

Jones co.

Delaware co.

Clayton co.

Fayette co.

Linn co.

Benton co.

Muscatine co. 5/26, 5/28, 1923

Jones co. 5/30 - 1923

Delaware co. 5/31 " "

Edgewood " " "

Delaware co. " " "

Muscatine co. 6/1 1923

Louisa co. " "

Des Moines co. " "

Iowa City to Downey 6/2 " "

Wilton to Summit " "

S. of Iowa City 7/14 " "

E. of Iowa City 5/19 " "



March 11, 1923. Sunday.

In the evening a very peculiar snowstorm came up. A very strong wind, a heavy fall of snow, and with it thunder and lightning! Trees were broken, and all over this part of the state hundreds of telegraph and telephone poles were broken. Iowa City had only one out-of-town telephone connection on Monday evening following, and that was to Oakdale.

The fall of snow was several inches, 7 or 8; and it was heavy.

Tuesday evening the only lines out of town were to Cedar Rapids, Des Moines & one other point west. No connections east or south. It snowed about all night.

March 12th Mon.

A bright day, and there was much thawing.

Tuesday 13th was similar.

March 14th Wednesday.

In the afternoon (and really most of the day) it kept snowing, - the snow mostly rather fine.

It was heavier towards evening, & the evening was quite stormy again. The snow was very heavy and wet, and a lot of it.

March 15th Thursday.

It was raining at first early in the morning, and then snow fell abundantly in large flakes. At Wilton I was told that telephone men were stalled all over the county by this second storm.

They were repairing the damage done by the first.

The morning train up from Kenosha to Wilton was stopped a couple of times by drifts.

It rained or snowed all day, and everything was blocked again.

This was a terribly slushy day. The heavy snow was saturated with water, and the streets were puddles & streams of water. The gutters were full, & where no walk across the gutter appeared, it was almost impossible to cross.

I wore my rubber boots in the afternoon.

March 16, Friday.

There was a little thawing,
much ice, and altogether it
was a mild winter day.

March 17, Sat.

Warm and dusky all the
day, especially towards
evening. Got colder & cloudy
at night.

March 18, Sun.

Sometime towards morning
it commenced to snow again.
A fine, driven snow, with brisk
wind, mostly from the north.
It snowed until late in the afternoon
(about 4 o'clock) and by 10 P.M.,
the mercury had dropped to 0.
Real winter!

Miss Cavanaugh called me to
tell me that a yellow bird appeared
at their window, and they were
feeding it. It proved to be
a canary, we opened the window
and it hopped in. It was
shivering like an aspen leaf.
I learned that it belonged to
Mrs. Cannon and had escaped
the day before! It probably
spent the night (not so very cold,
though wintry decidedly) on Cavanaugh's
back porch, - at 527 Renolds str.

It was very willing to eat when
the Cavanahs fed it about noon.
Just after I caught it in the
room & put it into a box
with a mosquito netting front,
it clutch the netting, but soon

settled back on a perch which
I put in (a maple twig put across
box, - ends in holes on sides.)
and began to whet its bill
in a jerky way.

It seems to be safe.

(May 12 - on next page)

along RR. between Iowa City & ...

Taraxacum - fl.	Yucca ...
Crataegus ... fl.	Aspirin ...
Ranunculus ...	Physalis ...
Pedicularis canadensis fl.	Conoclinium ...
Antennaria canadensis fl.	
Antennaria canadensis fl.	
Dodecatheon ...	

... ..

Crataegus ... fl.	Quercus ...
Philadelphus ...	Pyrus ...
Geotheca ...	

E. of West Liberty

... ..
Lithospermum canadense - fl.

E. of Atalapha

Dodecatheon media fl.
Pedicularis canadensis fl.
Viola (pedata?) large patula

May 12, 1923 Saturday

This has been a very dry spring.
Then on the 9 & 10 of May a cold
spell, with frost first night, came
& this was followed by a fine rain
in the night of May 10 & all day
the 11th.

Following plants were observed in
flower, unless otherwise stated:
Wilton to ... (E. side of RR)

In timbered section - at creek,

Taraxacum -
Crataegus ...
Arenaria thalictroides
Polemonium ...

... ..
The early trees were beginning
to leaf out quite distinctly,
but much in flower in this
part.

Prairie

- + *Lithospermum canescens*
- + *Gizya aurea* (molly but)
- + *Antennaria canadica* - fl (white)
- + *Taraxacum officinale*
- + *Fragaria virginiana*
- + *Sisyrinchium campense*
- + *Viola pedatifida*
- + *Oxalis violacea*
- + *Dodecatheon meadia* fl. & but
- + *Salix humilis* - fr.
- + *Rediculis canadensis*
- + *Comandra umbellata* - but & fl.

Prairie - S. of Summit - 2 mi. +, and:

Hypoxis hirsuta fr.
Ranunculus fascicularis

May 14, 1923 - Monday.

Prairie S. of Summit, - W. side track

- + *Lithospermum canescens* fl.
- + *Antennaria canadica* fl.
- + *Dodecatheon meadia* fl.
- + *Pedicularis canadensis* fl.
- + *Salix humilis* fr.
- + *Comandra umbellata* fl.
- + *Gizya aurea* fl.
- + *Viola pedatifida* fl.
- + *Oxalis violacea* fl.
- + *Fragaria virginiana* fl.
- + *Taraxacum officinale* (molly but) - but
- + *Pennisetum virginicum* fl. - but
- + *Poa pratensis* fl. - but

Prairie between Summit & Wilton - W. side R.R.

those marked + above, and:
Capitella hirsuta - fl. (at Summit)
Sisyrinchium campense fl.
Baptisia bracteata but
Hypoxis hirsuta fl.
Carex flaccidula - fl.

Wilton to Moscow - open.

- + *Antennaria canadica* fl.
- + *Lithospermum canescens* fl.
- + *Comandra umbellata* fl. - several.
- + *Gizya aurea* fl.
- + *Comandra umbellata* fl.

m.m.

o + *Sodacanthus meadia* fl.
+ *Juncus* - fl.

meadows to *italica*, - + and:

Lithospermum - fl. - sand.

Viola pedatifida? (may be *pedatifida*) fl.

Viola canadensis fl.

Trifolium to W. Liberty - prairie - 0 and:

Trifolium - prairie fl.

W. Liberty to Downy

Rubus woods

Lithospermum canescens fl. *Rubus* *lirari* fl.

Viola - fl. *Crataegus* fl.

Juncus - fl. *Metastelma virginicum* fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Prairie - Downy to Iowa City

Lithospermum canescens fl.

Sodacanthus meadia fl.

Juncus virginiana fl.

Viola pedatifida fl.

Pedicularis canadensis fl.

Viola - fl.

Commandra - fl.

Commandra - fl. (wex)

Commandra - fl.

Along road. Cool.

m.m.

Iowa City to Hills - May 16, 1923 - Wed

Johnson Co

Sandy prairie W. of river

Sisyrinchium - fl.

Commandra - fl.

Lithospermum - fl.

Trifolium - fl.

Trifolium - fl.

Antennaria - fl.

alluvial prairie

Juncus - fl.

Poa - fl.

Archibutea - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Trifolium - fl.

Johnson co.

m. m.

River to Co. line &

- + *Poa pratensis* fl.
- Geranium maculatum* fl. (near woods)
- + *Lysichiton virginica* fl.
- + *Utricularia campylocheila* fl.
- Utricularia mesochorea* fl.
- Utricularia adensis* fl.
- + *Dodecatheon meadia* fl.
- + *Lithospermum canescens* fl.
- + *Zizia aurea* fl.
- + *Comandra umbellata* fl.
- + *Samolus virginicus* fl.
- Some *Utricularia* +, and:

Achillea millefolium fl.

Hyphoxis aurea fl.

Viola pedata fl.

Viola *pedata* fl.

Missouri co.

m. m.

Co. line to Nichols: (old swamp)

Lithospermum canescens fl. seen up to
Lysichiton virginica fl. seen.
 The big ditch is dry,
 Nichols to Adams - (camp to Lake Park)

- o *Lithospermum canescens* fl.
- o *Utricularia mesochorea* fl.
- o *Lysichiton virginica* fl.
- + *Poa pratensis* fl.
- o *Zizia aurea* fl.
- Comandra umbellata* fl.
- o *Viola pedata* fl.
- Samolus virginicus* fl.
- Comandra umbellata* fl.
- Hyphoxis aurea* fl.
- o + *Lysichiton virginica* fl.
- Lithospermum longifolium* fl.
- Achillea millefolium* fl.

Adams to Cedar line + and!

Cedar line to Barryville - o and!

- Geranium maculatum* fl.
- Samolus virginicus* fl.
- Dodecatheon meadia* fl.
- Hyphoxis aurea* fl.

A bed of Swamp Oak. S. of RR. on bank (near)

Bayfield to valley near Muscatine

Clay *Stimma* *fragari*
canex *perennans* fl
Stimma *canescens* fl
Stimma *canescens* fl
Stimma fl.
Stimma *neotoma* fl
Stimma *livida* fl
Stimma *neotoma* fl near
 woods

May 17, 1923 - Thurs.

Day bright, but it has been
 cool ever since the frosty night

of May 9 -

Left Muscatine at 7:50 am. for Fairbairn

Muscatine CO

Muscatine to Fairbairn, sandy

Achillea millefolium fl.
 + *Trifolium* fl.
 + *Trifolium* fl.
 + *Plantago* fl.
 + *Plantago* fl.
 + *Lithospermum canescens* fl.

Louisiana - (+ above, and:)

Woods, hills
Stimma fl. - along Big Spring -
Stimma fl.
Stimma fl.
Oxalis fl.
Lithospermum canescens fl. - bare hills.
O. macrocarpa fl. + other herbs
Crataegus mollis fl.
O. alba fl.
Stimma fl.

Come out of plain - more gently rolling open
 a mile or so from Letts (N.P.)
 The rolling hills between here & Big Spring
 break here into rather gently rolling prairie

Letts to Fredonia - somewhat rolling

prairie

+ *Opuntia* *fruticosa* fl.

+ *Zinnia* *decidua* fl.

+ *Zizia* *aurora* fl.

+ *Asymbrium* *canadense* fl.

+ *Lithospermum* *cuneatum* fl.

Viola *terrestris* fl.

Baptisia *leucantha* (hairy) bud fl.

Pyrola *maritima* fl. (draws)

○ *Hypericum* *terrestris* fl.

○ *Oxalis* *violacea* fl.

Pedicularis *rubra* fl.

○ *Phlox* *filosa* fl. low

+ *Dodecatheon* *meadia* fl.

○ *Trifolium* *virginicum* fl.

Viola *pubescens* fl.

Ranunculus (in water) close to

Fredonia (go back to Lh.)

Ranunculus *nuculatus* on RR full
at Fredonia

Columbus to Letts + and

Ranunculus *maculatus* fl. in open

Caprilla *luna* fl.

Salix *humilis* fl.

Cardamine *rhomboides* fl. (wet)

Cotter to Co. line 0 and

Comandra *multiflora* fl.

Washington to

Co. line to Anisworth Rolling prairie

+ *Lithospermum* *cuneatum* fl.

+ *Dodecatheon* *meadia* fl.

+ *Oxalis* *violacea* fl.

+ *Phlox* *filosa* fl.

+ *Trifolium* *virginicum* fl.

+ *Zinnia* *decidua* fl.

+ *Achillea* *millefolium* fl.

+ *Comandra* *multiflora* fl.

Ranunculus *maculatus* fl. - words not very far.

Anisworth to Washington - + and above

Caprilla *luna* fl. (Anisworth)

Phlox *filosa* fl.

Ranunculus *repens* fl. (low)

Zizia *aurora* fl.

Asymbrium *canadense* fl.

Viola *pubescens* fl.

Viola *pedata* fl.

Sedum *spaldingii* fl.

Baptisia *leucantha* (hairy) fl.

Salix *humilis* fl.

Hypericum *terrestris* fl.

Asymbrium *canadense* fl.

(W.) *Thlaspi* (broad) - fl.

a fine piece of rolling prairie within
2 or 3 miles of Washington & running to Washington.

The Territory between Ainsworth
+ Washburn is rather gentle
Kansan. Only here & there
along the two forks,
there is a fringe of trees &
shrubs along a creek.

Oxalis violacea is very common,
mostly in patches.

From Columbus Jr., - after we
get out on the plain, it is
rolling (rather gently) prairie,
broken at first by thickets &
patches of timber. This continues
much the same to Washington.
Some of the prairie along the
RR is fine here, and is
worth a few trips.

Washington - Verdi

Rolling prairie with strips of timber
 & *Salix discolorata* (b) - 2 wood
Prunus americana (b)
 in bloom

Phaenocarpa fl.

7. On 11/12/1912

Hydrocarbon release

10

Chamaea latifolia Nutt.

4

† ~~John~~ is ~~living~~

Chamaecrista *serotina* *weber* *pl.*

2A 1000

Var: Shade + and,

Brady, R.

Hand 2

[Handwritten signature]

Reddish Hills

Opuntia bicolor (L.) Mill.

1944

~~Robert Campbell~~

[Faint handwritten notes at the bottom of the page]

Jefferson Co

m m.

County line near Brighton to
 (S. 1/4 Sec 10, T. 10 N., R. 10 W.)

Poa annua fl.

fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

(S. 1/4 Sec 10, T. 10 N., R. 10 W.)

Poa annua fl.

(S. 1/4 Sec 10, T. 10 N., R. 10 W.)

Poa annua fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

Poa annua fl.

Parker & Fairfield

at first some timber (much cleared)
 then rolling prairie with rough

Poa annua fl.

Asclepias tuberosa fl.

Yellow cruet fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

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Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Asclepias tuberosa fl.

Jefferson co. m.m.
 Along C & O N. side of RR.
 Fairfield to Beckwith

- o Geranium maculatum fl. woods not far
- o + a Zizia aurea fl.
- + Hieracium canadense fl.
- o + a Thalictrum fl.
- o + a Oxyalis fl.
- + Lactuca canadensis fl.
- o + a Zizia aurea fl.
- o + a Phlox fl.
- o + a Adiantum fl.
- o + a Ranunculus fl.
- o + a Hesperis fl.
- o + a Viola fl.

N. of Beckwith are only a few small patches of prairie, but there are good RR. right of way largely wooded. Weeds!

Beckwith to Glendale + and:

- o + a Hieracium canadense fl.
- o + a Fragaria virginiana fl.

Glendale to Lockridge 0 and:

- o + a Ranunculus fl.
- o + a Potentilla fl.

this is all rather poor - most disturbed, covered with weeds

Lockridge to Co. Line (about 1 1/2 mi.)
 a + following:

Henry co.

Co. Line to Rome (2 miles)

- o Phlox fl.
- o Geranium maculatum fl. (not far from road)
- o Fragaria virginiana fl.
- o Potentilla fl.
- o Bromus tectorum

Lockridge to Rome the hills are denuded & badly eroded, poor soil here.

To Rome all poor - no good pieces of prairie. The region just around Rome is not very hilly.

Much of the disturbance along the RR. is due to farmer attempts at cultivation. Mostly weeds removed.

River to Mt. Pleasant.

To drive nothing worth while.

After the camping R.
Very poor night. No train
in the morning.

Large amount of Lithofolium

common in fl. near Mt. Pleasant

Mt. Pleasant & New Town.

Senecio glaberrimus fl.

V. ... fl.

Sisyrinchium carolinense fl.

Lithofolium canescens fl.

Orthocentrus fl.

Chlor. ... fl.

... .. fl.

... .. fl.

Hyperic. ... fl.

... .. fl.

Comandra umbellata fl.

Potentilla ... fl.

... .. fl.

Mainly a good upland plain.

Some

broken up - some old cultivation.

The RR, right of way looks to me
narrower than is usual northern

and the double track takes up much
of the space. This leaves narrow

strips mostly, - there does not seem to be
uniform, - perhaps the farmers encroached.

The numerous cuts & shiftings have
resulted in much disturbance of

the natural surface; also cultivation
of RR right of way in some places.

There is therefore but little native
prairie in this part.

In the evening I talked in the
High School Gymnasium to an audience

of nearly or fully 800. The class
numbered 31, - 12 boys 19 girls.

Stopped at City Hotel, - a rather
poor excuse for a hotel.

A good morning town.

May 18-1923. Friday

Left New Britain at 6:10 am

(date 5:10) going to

Henry's

Then on to Mt Pleasant

Took a side of track,

this side of the main line

the road, especially at about

the surface

is very rough. There is

but very little cultivation

(driving over). The road is very

and some of it is graded.

The road has many cuts, -

and a small plain.

Mt. Pleasant to Fairfield. S. side.

To Rome.

Surface much broken. Some cultivation

some graded and some with stuff

piled up from cut. - There are also

good-sized hills. White. Most of

is very rough and a road. Nothing

The cuts are well made, - with

rough road. There are several

rather large ones on this stretch.

Most of the timber is cut. Several

of the old traps are now overgrown

with sprouts & young trees.

Rome & Lockridge - Cultivation stops!!!

A big one - get rough. The Rome

at Rome and back to line of right of way.

It seems to come over to another.

It is all very rough on this side.

Jefferson co

Lockridge to Belknap. Cultivation stops!!!

Traps were broken by some work at the way.

Mostly narrow, - graded & cut.

Very few small bits of grass.

Very little undergrowth surface

in this section.

Reckwith to Fairfield - crest of hills III

More of the same & some

timber. One of the hills

of fair size & some

Fairfield to ~~Reckwith~~

Reckwith is a large one, being

highest in the area & with some

wood of ~~the~~ showing tops.

Some of the tops - some good sized

all of the same. But as before.

Reckwith to Batavia - Crested II

In this region some of the

Again some of the same

with some of the same

by grading & cutting

There are only a few bits

of prairie - not at all

conspicuous, or even worth

while

Mapello co

Co. line $\frac{1}{2}$ mile. W of Batavia to Regency City

Griff again comes to, or close to, surface.

Cultivated tops III III

In all the area there is some a few

prairie patches on the

gravel & sand areas & some

in the wet places. The wet

places are mostly

limited to the narrow valleys & draws.

Notable plants in the fl.

Hypochaeris glabra fl.

Lithospermum canescens fl.

Fragaria virginiana fl.

Asperula tomentosa fl.

Geranium macranthum fl.

Conditions remain the same

Much of this is a fine level plain,

high. Only a few bits of prairie.

Melilotus alba everywhere! Where

valleys & ravines are and there is a little

timber.

Act Agency City March 20 1884
 The following is a list of the
 Agency and its location situated in
 District of Columbia (see map)
 One of the points of view of the
 land is that it is much better
 in a way than the other
 land is.

1. *Phryganidia* *phryganidia* *phryganidia*
 2. *Phryganidia* *phryganidia* *phryganidia*

Part of the ...

Stinson / 12/15/54

2011

[Faint handwritten notes]

Polyp. dentata sp.

[Faint handwritten notes]

Fraxinus ingens (2)



Heard to be in trouble

Notes on activities Trips. -

Chillicothe to Co. Line 1 mi. W. of Dudley

R.R. thru W. clay valley of Avery cr.
towards Dudley.

Willing to work with the same time,

Monroe Co.

~~_____~~
Cophine & Fugure

Follows general course of valley, etc.

There & there, there is no more

the bus. Much loved. Love looks good

William F. Perry

Much clearing has been done, especially
in the slope. Many stumps remain.

Scarus niger in pl.

Рыбацкая

Chelone *Wangari*

Cherry, Washington, D.C.

Avery To Maxon

We come out in the morning

more plain; not tinged or discolored

Antennae 10

S. canadensis fl

Fraxinus viridis H. very com.

Pod. pectinifera Fl.

Mass. & Alb.

For many distances

high land then

& a low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

low land

and in places much cleared.

There are, however, fair pieces

of timber on the slopes.

Melrose & Russell

are very common. In the

west the land is much cleared

has been cleared for. We are

incidentally

Penn. virginicum fl. & on an open

Geranium maculatum fl. & on a

We are still climbing, the valley

narrows & timber diminishes

nearly at top of high level

Penn. virginicum fl. & on a

Lithospermum canescens fl.

Geranium maculatum fl.

Comandra umbellata fl.

Penn. virginicum fl.

Pedicularis canadensis fl.

Viola pedata fl.

A mile east of junction just E. of first

cross road E. of Russell. *Viola pedata*

& *Pedicularis* especially abundant.

Lucas co

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Plains well up on plain

Run to the top

Chautau to Lucas

We run out immediately on the

flat level plain, - there is

some scattered bushes of shrubs

mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

of the bushes, - mostly 10 ft. tall

and the flat level plain and some

clouds

Lucas to Woodhouse

On the way for some
distance, the country is
mostly level, gradually
Country, mostly level,
much for a few miles,
then it begins to rise.

Darkie Co

Woodhouse
The hills
are for a few miles
then it begins to rise.

Some of the hills are
A little higher than the
The country is mostly level,
much for a few miles,
then it begins to rise.
Small bits of prairie
are only surface not broken.

The hills are
mostly level,
much for a few miles,
then it begins to rise.

Wagon

Many weeds,
Poa pratensis, and generally for some
miles on the hills for some miles,
This area is somewhat rising,
more nearly an advance to ordinary
Kansan.

Osceola is in this gentle rising
plain.

Osceola to Murray

rather gently
till we reach the Kansan plain. The
soil is quite different (except soil)
Some prairie.

- Bracteantha americana fl.
- Scilla violacea fl.
- Chrysopsis canescens fl.
- Viola pedata fl.
- Asperula angustata fl.
- Fragaria virginiana fl.
- Lot of Carex - in wet places.
- Calluna canadensis fl.
- Carex sp. fl.

This section has some good pieces
of prairie, more than I saw anywhere
along line today, - to the point,

Murray is up on the gently

Murray to Hoover

Capri. Brown quite a bit longer. 300 ft

Point of view about 1/2 mi.

There is a small stream

Flowing down the valley

about 1/2 mi. in length.

Union co

about 1/2 mi. W. of Murray

Remains fairly good

but is not so good as

at the

at the top of the

at the top of the

at the top of the

at the top of the

at the top of the

at the top of the

at the top of the

at the top of the

at the top of the

The ridge of C. is just

above it in the hills S. of

the top of the ridge

is not so good as

at the top of the ridge

at the top of the ridge

at the top of the ridge

at the top of the ridge

at the top of the ridge

at the top of the ridge

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at the top of the ridge

at the top of the ridge

at the top of the ridge

at the top of the ridge

at the top of the ridge

The ridge is really a little

S.W. of Afton Jr.

S. of Afton Jr., nearly is
a cut with rounded gravel flat
at base, - on E side of track.

Prunella americana
over this and I collected many
in flower etc.:

Prunella americana fl.
Sax. caerulea fl.
Sax. caerulea fl.
Sax. caerulea fl.
Potentilla canadensis fl.
Cory.
Antennaria dioica fl. (P.S.)
Sax. caerulea fl.
Poa annua fl. & seed
Oxalis violacea fl. (P.S.)
Achillea millefolium seed

Also observe other young plants of
prairie species.

Go to this again!

I also collected a small set of
plants on the gravel road in

hill S. of Afton Jr.
Prunella americana fl.
Sax. caerulea fl.
Sax. caerulea fl.
Potentilla canadensis fl.
Oxalis violacea fl.
Delphinium (very blue) fl.

see list.)

The way to the gravel road
just S. of Afton Jr., + on E side
of the right of way there
are a couple of trees that
look like Quercus tinctoria.

They are some distance apart, but
near the right of way.

Other notes: - Saw, white, black,
red in flower, & I also saw
a sheepdog at some distance.

Left Alta. Jr. via C. & G. W. at
3:10 PM for Penn.

Apr. 12 to Talanga - a private bank
Lithospermum canescens fl.
Comandra umbellata fl.
Sisyrinchium canescens fl.
Sisyrinchium canescens fl.

Talanga to Moutte

Banks, glades, etc. Natural prairie
Viola pedatifida fl. *Sisyrinchium canescens* fl.
Fragaria virginiana fl. *Lithospermum canescens* fl.
Delphinium (blue) fl. *Fragaria virginiana* fl.
Sisyrinchium canescens fl. *Oxalis violacea*
Antennaria dioica fl. *Hydrocotyle* fl.
Hydrocotyle fl. *Baptisia bracteata* fl.
Viola pedatifida fl. *Viola pedatifida* fl.
Lithospermum canescens fl. *Antennaria dioica* fl.

Moutte to Lorimer. + and?
(not very good)

Hamamelis fl.
Fragaria virginiana fl.

Lorimer to Barney

Fragaria virginiana fl. *Viola pedatifida* fl.
Sisyrinchium canescens fl. *Viola pedatifida* fl.
Comandra umbellata fl.
Lithospermum canescens fl.

In wet place above Lorimer I saw
Cuscuta rhomboides fl.

Madison Co.

Barney to Penn

All this has been rough rolling
Karnon. Some woods.
Geranium ligula buds fl. on bank
Phlox divaricata woods.
Sisyrinchium canescens fl.
Lithospermum canescens fl.
Fragaria virginiana fl.
Viola pedatifida fl.
Comandra umbellata fl.
Viola pedatifida fl.
Crotogeomys mollis fl.
Pyronia fl.
Prunella fl.

Reached Penn at about 4 PM. &
went up at the country house.
The original Delicious Apple
tree is located about 2 mi.
from Penn. O.G. but has been
messed.

May 19, 1923 Sat.

Left Rock at 5:37 AM. It
rained, threatened rain, & it
rained.

Reached Des Moines at 6:50 AM
from Rock Island. Left
at 8 AM. instead of 7:15.

May 19, 1923 Sun. I noticed:

Rock

- Thymus*
- Asarum canadense* fl. (low)
- Thalictrum* large fl. in prairie
- Asarum* common fl.
- Junonia virginiana* fl.
- Asarum canadense* fl.
- Asarum* fl.
- Asarum* fl.
- Asarum* fl.
- Asarum* fl.
- Asarum* fl.

From A. Middlebury & and:

- Asarum* fl.
- Asarum* fl. well
- Asarum* fl. prairie
- Asarum* fl. com.
- Asarum* fl.
- Asarum* fl.
- Asarum* fl. (low)

p = now cult.

cultivated strips 10 m.m.

Jasper Sass - to list

0+2 Lithospermum canescens fl.

+ Bisyrinchium canescens fl.

0+2 Poa trivialis fl.

+2 Poa trivialis fl.

0+2 Poa trivialis fl.

0+2 Poa trivialis fl.

0+2 Poa trivialis fl.

+ Poa trivialis fl.

0+2 Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

+ Poa trivialis fl.

Pomeshick co

From about Jasper to Grinnell - 0 and:

Agriophaga canescens fl. Rth. back - in p.
Salix humilis fl.
Geranium maculatum fl. some distance from town
Polygonum reptans fl. - near (rather) woods
Berula virginiana fl. - abundant.

From Grinnell to Brooklyn - 2 and:

Heimelium hirsutum fl.
Salix humilis fl.
Senecio latifolius fl.

Iowa Co

Malva - fl. in woods

Zizia aurea fl.
Lithospermum canescens fl.
Polygonum canadense fl.
Bisyrinchium canescens fl.
Phlox pilosa fl.
Salix humilis fl.

Dodecatheon meadia fl. (W. of Marion)
Comandra umbellata fl. also 5 mi. S. of Marion (W. of Marion)
Berula verticillata fl.
Capella hirsuta fl.
Yucca angustifolia fl.
Viola pubescens fl.

Antennaria media fl. also fls.
Polygonum reptans fl. not far from woods
Geranium maculatum fl. " " "
Heimelium hirsutum (woods)
Orchis violacea fl.
Fragaria virginiana fl.

So. of Marion Viola pubescens fl. - patch.
Berula verticillata fl. - not far to woods
Salix humilis fl.

Johnson as

My list of plants along the

Oxford

Phlox pilosa fl. juv
2 *Antennaria dioica* - do fls
+ *Poa pratensis* - fl
a *Podophyllum peltatum* - esp of water fl
a *Geranium macranthum* " " fl
Antennaria plantaginifolia " " fl
Achillea millefolium - herb

at 2
on prairie
Scrophularia fl. cl.
Potentilla fl.
Lithospermum fl.

along RR

To Arlington. May 21, 1923, Mon.

Left Cedar Rapids at 5:45 am.

A cool morning, - bright.

To Marion

+ *Phlox pilosa* fl. juv
o 2 *Antennaria dioica* - do fls
+ *Poa pratensis* - fl
a *Podophyllum peltatum* - esp of water fl
a *Geranium macranthum* " " fl
Antennaria plantaginifolia " " fl
Achillea millefolium - herb

Marion to Paralta + and: *Prunella* - except along creek at Paralta

poor 2 *Lithospermum canescens* fl.
Hemichlaena hirsuta herb
Lithospermum longifolium fl.

Paralta to Springville - 0 and:

cut. 11 a 2 *Fernoxanum* fl.
capitata fl
poor *Rhus glabra* - stems
2 *Yucca aurea* fl.

Springville to Viola - 2 and:

Sanguinaria canadensis fl. Good here
Dodecatheon
Oedoceras
Viola blanda fl. sandy

Viola to county line - a and:

Asperula fl. sandy
Phlox drummondii fl. woody
Salix humilis fl. bank

Jones Co.

m. m.

Stone City to Anamosa

mostly timber.

Anamosa to Langworthy, ^{now 9} Crest, ^{pp} steep

Salix humilis fl.
Geranium maculatum fl. 1 clump. open pr.

+ Lithospermum canescens fl.

+ Viola pedata fl. 1 sandy.

+ " pedatifida fl.

Oxalis violacea fl.

+ Pedicularis canadensis fl.

Dracopis canadensis fl.

Ranunculus abortivus fl. - rather low

Thalictrum dasycarpum fl.

Equisetum arvense sterile.

o Bryonia crebra fl.

+ Nyctaginia bistrata fl.

o Antennaria racemosa fl.

+ Taraxacum fl.

Langworthy to Monticello, ^{alt. 1111} + and

Polemonium reptans fl.

o yellow cornflower - intro, Brassia

Chelidonium fl.

Fragaria virginiana fl.

Monticello to Co. line - near junction North, 0 and

Horse radish fl.

Scrophularia fl. buds.

Senecio fl.

Caltha palustris fl. bog.

alt. 1111

m. m.

Delaware Co.

crest, 1

Co. line to Hopkinton.

Salix humilis fl.

+ Lithospermum canescens fl.

Viola pedatifida fl.

+ Pedicularis canadensis fl.

+ Dracopis canadensis fl.

+ Taraxacum fl.

mostly prairie

Hopkinton to Delhi -

crest. 1

Taraxacum fl.

+ Lithospermum canescens fl.

+ Antennaria racemosa fl.

" plantaginifolia fl.

Pedicularis canadensis fl.

Artemisia canadensis fl. - woods.

Ranunculus reptans fl. - low

crataegus mollis fl. - woods

mostly river bottomlands.

+ Pyrus ioensis fl.

Quercus velutina fl.

+ Dracopis canadensis fl.

Pyrus virginiana fl. - bank

Zizia aurea fl. + buds.

+ Comandra umbellata fl. - bank

Agrostis canadensis fl. limestone ledge.

+ Senecio fl.

Panicum americanum - no fls. - low ground.

Delhi to Delaware + (this house) and

Sisyrinchium fl.

Equisetum fl.

Viola pedata fl.

Hypoxis fl.

Caltha fl. - bog

0 + *Lithospermum* | *canescens* fl.
 0 + *Zaraxacum* fl.
 0 + *Pedicularis canadensis* fl.
 0 + *Hypoxis* *tristis* fl.
 10 *Viola* *pedata* fl. sandy.
 10 " *pedata* fl.

1119 Oncida to Greeley. + (thin base) and:
gizina curea lutea (rather lms)
Saxifraga perfoliata lutea - lms

Clayton Co

encl. 111

Taraxacum — fl.
 + *Lithospermum canescens* fl.
 + *Hypoxis ligulata* fl.
 + *Vida pedata* fl.
 + " *pedatifida* fl.
Pedicularis canadensis fl.
 + *Antennaria racemosa* fl.
Sisyrinchium compestre
Dodecatheon meadia fl.
Achillea millefolium
Gryza aurea
Fragaria virginiana fl.
 + *Oxalis violacea* fl.

Strawberry St. to Co. line + (above) and;

18

Fayette co

Co-line to Arlington

Lithospermum canescens fl.
Viola pedata fl.
 " *pedatifida* fl.
Hypoxis hirsuta fl.
Zuccasium fl.
Antennaria racemosa - 2 fl.
Parnassia com.
Fragaria virginiana fl.
Oxalis violacea
Sisyrinchium campotum fl.
Pedicularis canadensis fl.
Comandra umbellata - 2 fl.
Sisyrinchium campotum fl.
Hebecladus virginica fl. com.

Reached Arlington at about 10 am
 & was met by Mr. & Mrs. Gleim, &
 taken to their home. She was a
 classmate of Bertha & Elmer. She
 has 1 girl (7) & 1 boy (2). Mr.
 Gleim is in the furniture business.
 I looked at their wild flower garden.
 They have a lot of local material
 such as *Osmunda Claytonia* (fr.)

Aspidium speciosum, *Oxalis violacea*,
O. struthifera, *Cystopteris bulbifera*,
C. fragilis, *Adiantum pedatum*,
Anemone filix foemina, *Geranium*
maculatum, *Hydrophyllum virginicum* (fr.)
Cypripedium pubescens (fl.), *Mitella*
strobilata (fl.) *Woolaria grandiflora* (fl.)
Isopyrum biternatum (fl.)

In the afternoon we walked 1 1/2
 miles along the RR north. Miss
 Youngman and her class & Mr.
 Gleim went along.

There are still little remnants
 of prairie, and I collected:

Lithospermum canescens fl.
Viola hirsuta fl.
 " *umbellata* fl.
 " *pedatifida* fl.
 " *pedata* fl.
Oxalis violacea fl.
Hypoxis hirsuta fl.
Sisyrinchium campotum fl.

m.m.

Fraxinus virginiana fl
Gonolobus umbellatus End
Phlox pilosa End
Dodecatheon meadia End & fl.
Pedicularis canadensis fl
 (umbellifer - End)
Antennaria dioica old fl.
Carex pedunculata fl
 " " fl.
Zizia aurea fl. & End
Equisetum arvense

This prairie is on Iowan drift.

We then drove (Mr. & Mrs.
 Stein, their little girl, and I)
 to wooden bluffs along creek
 N. of Arlington.

Collected:

Aquilegia canadensis fl. - on rock
Asarum canadense fl
Arisaema triphyllum fl
Isopyrum biternatum fl
Ranunculus abortivus fl. bottom timber
Ceranium monerium fl
Prunus pennsylvanica fl. - towards edge
Viola (corvina?) fl. - woods
Juglans nigra fl.

Saxifraga hypnoides
Pibes gracile - fl. fl. m.m.

also observed:
Acer saccharum
 " *saccharum*
 " *Negundo*
Ulmus americana
 " *Fulus*
Fraxinus v. paniculata
Celtis occidentalis
Juglans nigra
 " *cineria*
Lilia americana
Prunus americana fl
Eriogonum atrorubescens
Populus grandidentata juv.
Acer rubrum
 " *alba*
 " *macrocarpa*

In the evening I gave my talk
 in "The Citizen & the School."
 Class number 8, - 3 boys & 5 girls
 Audience attentive, & filled the school
 hall, -

Mr & Mrs. Stein drove to Oskosh
 with me. We went by way of
 Maynard. It rained a little.

May 22, 1923 Tues.

Left Delwin for Waterloo at
1.55+, via the C. & W. Arden
at 3 AM, and winter for
6³⁰ AM. Interurban for Cedar
Rapids and Iowa City.

Saw a few *Viola pedata*
in flower. At a point about
at La Fayette, ^{Win. Co.} on W. side of
road, I saw some yellow &
reddish plants in flower. Do
not recognize, them probably
introduced.

m.m.

May 24, 1923 - Thurs.
To Montom. It has been
cool & cloudy today, & cool all

Left Iowa City at 12:00.
Saw 2 grasshoppers on road.
Between a number of trees - oak
& will garden in a single
franklin's yellow /

Linn co

Plains

Left Cedar Rapids at 1:00 PM for Montom.
Cedar river Fairfax Crest.

T Phlox pilosa fl.	mostly light	very com.
+ Lygia arvensis fl.		not rare
+ Dodecatheon meadia fl.		not rare
+ Antennaria dioica fl.		palatiss
+ Lithospermum canescens fl.		several
+ Sagittaria arifolia fl.		com.
+ Comandra umbellata fl.		palatiss
+ Senecio aureus		patch

Fairfax to Norway + and.

Prostria quadrata fl.	few.
Rediculis fl.	
Sax. humilis fl.	

m.m.

The section between Fairfax and
Norway is very fine, + Phlox (practically
all white) is very abundant
Benton co

Norway to Watkins Crest.

0+ Phlox pilosa fl.
20+ Lygia arvensis fl. + com.
0+ Dodecatheon meadia fl.
20+ Lithospermum canescens fl.
0+ Sagittaria arifolia fl.
0+ Comandra umbellata fl. + com.
0+ Baptisia bracteata fl. + com.
+ Hypoxis aurea fl.

Watkins to Blairtown + and:

Senecio aureus fl.
Pedicularis canadensis fl.
20 Sax. humilis fl.

Blairtown to Lugerne 0 and:

Ranunc. repens fl. low.

Lugerne to Belle Plaine 2 and:

Beyond Long Point (W.) a small pond
contains Ranunculus multiflorus in
flower.

m. m.
May 26, 1923 Sat.

Drove to Muscatine co with
Jepps, Kallie, Misses Hensch & Hantz.
The morning is clear, but the
night was cool.

We drove first to a point 1 mile
S. of Wilton, along RR., and then
drew S. into the cut.

I collected plants on native prairie
along RR. (See next page)

I also collected a small set of
prairie plants in the walls of the cut,
as no foreign plants appear.

(See the next page)

We then drove back W. a mile,
& north and east, a mile each,
to a point 2 miles S. of Wilton. This
is quite sandy (see next page - in cut).
We then drove to Summit, &
found the prairie just S. good.

William - 1 mi. S. - Ill. ~~from~~ (native)

along RR. (see plan.)

W. H. Brown - 1890

Hesperis matronalis Pl.

State Income Tax

20/5/1

1000

2nd & 3rd

Salicornia vermiculata HB

1891

Station 4

Prattville Alabama

Baden - Baden

West. front.

1891

Sandy.

Witten - 2 mi. S. - Loc. 1 (unlabeled)

Staph. kerrii Guérini pl.

U. glabra (L.)

Salix pyramidalis (var. *pyramidalis*)

First L. of Summit Native Prairie

Hydrocalthem nudum fl. very common

Isyrrhynchium caespitice very com.

Hydraxia longicauda very com.

Thompson's ...

Baptism

~~Viola pubescens~~ *Viola pubescens* L. com.
Viola pubescens L.

Viola pedunculata DC.
Viola hastata L.

[Handwritten signature]

Plaza de los Indios, San Juan (all red.)

Oxalis violacea Nutt.

Amphispiza bilineata

along the bank near forming as a
clump of the yellow-stemmed willow

in front (see spec.). This was on
a RR. road-fill. The other
cars along the RR. at other points

We left San Martin at 6:00 AM,
to take train, and we drove
across the Alvarado plain to the
Pantelero pond. Most of the

m.m.

and in this last especially
towards the is of the same
type, and in some places
in many places.

The vegetation of
Bay of the little water in
it. Around the edges
little water in the
is very common.

8 miles N. W. Murran

On the way in some places

I found:
Potentilla *serotina* fl.
Potentilla *laevigata* fl.
Potentilla *dissecta* fl.

We then drove to the sandy flat
towards the lake, to a
point where road from Bayview
(from north) comes in. At this

m.m.

point I collected a few Viola

We honor those who -
what they gave up -
we do well to honor them
But while so contemplating their services
Remember sitting of the living for some will -
Every war a radical remedy for some will -
Then will be war - until human nature is made
over -
Takes two to make war -
also to keep peace -

Public affairs need attention
We do ^{pub} business carefully -

Fear of red
greater danger from
Chaplinism

Adiantum fl. not rare.
Potentilla *serotina* fl. few
Viola *serotina* fl. common.
Asplenium *platyneuron* few fl.
Veronica *viridis* not rare fl.

m.m.

in this part especially
towards the south is of the dune
type, and sand in some
in many places.

The vegetation is of
Brayley's low little vegetation
it. Around the edges the
little vegetation is
is very common.

8 miles N. W. Murrumbidgee

On a sandy plain

I found

Potentilla ^{caerulescens} fl.
Digitaria fl.

We then drove to the sandy flat
towards Salisbury bridge, to a
point where road from Brayley
(from south) comes in. At this

m.m.

point I collected a few *Viola*
and *Senecio* in low ground,
along edge of road.

We then started south towards
Brayley and on the way
we saw some low ground,
the road is of the flat
type (low vegetation), and is
rather low. *Viola* and
Senecio & *Castilleja* common.

On a sandy plain, low vegetation:
Castilleja *occidentalis* fl. very com.
Viola *occidentalis* fl. very com.
Brayleya *brayleyi* fl. common
Corymbium *complanatum* fl. very com.
Lythrum *hirsutum* fl. very com.
Viola *hirsuta* fl. rather com.
" *occidentalis* fl. com.
" *pedatifida* fl. not rare.
Potentilla *caerulescens* fl. few
Phlox *polypetala* fl. rather com.
Lithospermum *canadense* few fl.
Veronica *viridis* not rare fl.

m.m.

old dune N. 1/2 Bay field
 We then drove to point N. of
 Bayfield - Shrub Caliche bog.
 On the sandy knoll (old dune) near
 the road I collected:
Lithospermum | *Gmelini*

On the sandy ridge (or stream)
 above & E. of Shrub Caliche bog
 I collected:
Syntherisma Bullenii | *R. lowii*

Leucospora alba fl.
Rubus fl.

1219

m.m.

N. 1/2 Bay

In the Shrub Caliche bog the
Heathiana was in fine leaf (also
 in the bog E.); and I found
Cattleya pinnatifida in flower.
 A little *Hebe* is still visible.

We drove to Bayfield and I took
 train at 2:15 for Muscatine.

m.m.

May 28, 1923 Monday.

To Summit

In the timber & creek (S. of S.) there are some of the openings show

a few small plants.

Open places

Asplenium platyneuron fl.

Hebecladia (sp.) fl. bud.

Juniperus communis

Saxifraga (sp.) fl.

Phlox pilosa fl.

Lechoreum (sp.) fl.

Tradescantia virginiana fl. com. mostly

Salix humilis fl.

Dodecatheon (sp.) fl.

Hebecladia (sp.) fl.

Carex festucacea fl. (rather com.)

Anemone canadensis fl. (rather com.)

Boulders & timber

Rubus occidentalis fl.

S. of Summit

Salix longicaulis fl.

Populus (sp.) fr.

Carex (sp.) fl.

Saxifraga (sp.) fl.

On prairie - beyond Dateraba track (N.)

+ *Lithospermum* (sp.) fl.

+ *Phlox pilosa* fl.

+ *Juniperus communis* fl.

+ *Carex festucacea* fl.

+ *Dodecatheon* (sp.) fl.

m.m.

+ *Comandra angustata* fl.

+ *Salix* (golden-snell.) fr.

+ *Juniperus* (sp.) fr.

+ *Ranunculus* (sp.) fl.

+ *Corylus americana* fl.

+ *Populus* (sp.) fl.

+ *Asplenium platyneuron* fl.

+ *Polygonum* (sp.) fl.

Anemone canadensis fl. (low with)

+ *Hyssopus* (sp.) fl. very com.

+ *Syringia* (sp.) fl.

Hebecladia (sp.) bud.

Summit to Wilson + and:

Asplenium platyneuron bud.

Anemone (sp.) fl.

Populus (sp.) fl.

Potentilla canadensis fl.

Asplenium platyneuron fl.

Lithospermum (sp.) fl. (rare)

Juniperus (sp.) fl. (rare)

1. Sept. 1. *Asplenium platyneuron* fr.

2. Sept. 1. *Asplenium platyneuron* fr.

Exposures - Elmer, Manchester, Edgemoor

Louis - Iowa City 125

RR & Cedar Rapids 196

Barfleur & Marston 18

Ref. 3. Subtotal TC. 2.65

.25

96

118

924

145

3.10

Donner - alin 145

4.50

25

160

Paid \$31.00 Express fee.

Chin to Edgecumbe, via Oxford, Ac. \$2.43

supper at Monticello 1

May 31. Breakfast & room. Edgewood 1.25
48

RR. to Delaware 78

• Sinner - Delaware 55 35

Haircut & shave 11 .50.

Pop. 1,200

RR to Manchester ———, 22

Find $\frac{1}{11}$ 125

RR to Waterloo 1.67

Pd. Mandat 33.00 35

Taxi - waterloo	1.50
	1.90

rsp. to Cedar Knot 1.10 ac 0.36

Pl. to Iowa City 190

13,46

Olin, Edward, Manchester

May 30-31, 1923

Left Iowa City at 7:30 am, took
the ~~Marion~~ car for Marion, &

4X 10 AM. Took train for

By order of the Board of Directors

Case was taken to + cannot

get back a few more.

The day is cloudy & quite sultry.

John Edgar Hoover

Induction is now locally common.

Wm. A. L. L. L.

My dear Howard,

drive me to work

Stopped at hotel & took meal

at restaurant,

near Oxford ^{Wapahinic} (cross river to Oxford
Mills & then follow river towards Olin)
the bottom are quite swampy.
A large amount of *Acorns calamagrostis*
is found here.

Had exercises at Olin in Opera
house - I talked about an hour
on citizenship - Mary - don't know how
to draw it - Mother - sweet angel of hymns.
Courts - not of justice - but game.
Sacrifices of soldiers, - plant hopes

Left Olin at 4:22 for Oxford ^{Wapahinic} _{fe}
In Jones co. along crest p. to p. in mountain
Olin to Oxford ^{Wapahinic} _{fe} - near Olin - bottom land
woods & swamps.

On prairie: (rather poor strips)
a20 + *Succisa pratensis* fl.
a20 + *Poa pratensis* fl.
a2 + *Potentilla canadensis* fl. (sandy)
Lithospermum *glandulosum* fl.

a20 + *Geranium maculatum* fl. ~~not very good~~
a20 + *Phlox pilosa* fl.
+ *Oenothera* *missouriensis* fl.
Rumex acetosella - fl. pest in fields.
a20 + *Lithospermum canadense* fl.
a20 + *Antennaria monarda* - all fl.
a20 + *Equisetum arvense* sterile
+ *Hemlock* *hispida* fl. (low)
a2 + *Anemone* *franchetii* fl. (low)
Fragaria virginiana fl.

Oxford ^{Wapahinic} _{fe} to Wyoming + and: ^{not very good}
Epidium apetalum fl. fr.
a2 *Capella* *indurata* fl.
Horradys fl.
a o *Sisyrinchium campetris* fl.
a2 o *Guzia arvensis* fl.
Saxifraga pennsylvanica (wet)

Wyoming to Center ^{Wapahinic} _{fe} o and:
Krizia *amphicarpa* fl. (low)
Ranunculus *macranthus* fl. (low)
a2 *Salix humilis* fl. (low)
Thalictrum dasycarpum fl.
Center ^{Wapahinic} _{fe} to Scotch Grove. 2 and:
Comandra *umbellata* fl.
Hypoxis *virginica* fl.
Scotch Grove to Marksville a and:
not very good.

m. m.
Jones co. (con.)

From Monticello to Junction Butch:

This is prairie:

Poa pratensis fl.

Lithospermum canescens fl.

Phlox pilosa fl.

Achillea millefolium Buss.

Equisetum arvense. sterile

Lithospermum Gmelini fl. (sandy)

Hypoxis hirsuta fl.

Baptisia bracteata fl.

Antennaria canadensis old fl.

Potentilla canadensis fl.

Rumex crispus fl.

Salix humilis fl.

Senecio platensis fl.

Taraxacum fl.

Comandra umbellata fl.

Capsella bursa-pastoris fl. fr.

Ceanothus americanus fl.

Corylus americana fl.

Dodecatheon meadia fl.

Andromeda plantaginifolia fl.

m. m.
Delaware co.

Co. line to Hopkinton (prairie Kansas)

Salix humilis fl.

Geranium maculatum fl. (low)

Cardamine hirsuta fl. (low)

Caltha palustris fl. low.

Dodecatheon meadia fl.

Potentilla canadensis fl.

Hypoxis hirsuta fl.

Psoralea canadensis fl. fr.

Erigeron annuus fl.

Castilleja coccinea fl. (very com.)

Baptisia bracteata fl. (yellow)

Antennaria canadensis fl. (very com.)

Phlox pilosa fl.

Lithospermum canescens fl.

Poa pratensis fl.

Achillea millefolium Buss.

Comandra umbellata fl.

Antennaria canadensis fl.

Potentilla canadensis fl.

Rumex crispus fl.

Salix humilis fl.

Senecio platensis fl.

Taraxacum fl.

Comandra umbellata fl.

Capsella bursa-pastoris fl. fr.

Ceanothus americanus fl.

Corylus americana fl.

Dodecatheon meadia fl.

Andromeda plantaginifolia fl.

The territory from Hopkinton to Delhi

along river & broken & interrupted

Lithospermum Gmelini fl. (sandy)

Rumex (Rumex?) fl. low

Polygala virginica fl. Rocky slopes

There are sandy terraces!

Very, with prairie flora

Some of it good, 1/2 way to Delhi

Onoclea struthiopteris - in open along R.R.
 Also pieces of rocky slopes /
 with some prairie flora.
 Rhus copallina leprosa fl.
 from Delhi on road one higher
 up again, - at Delhi near top.

Near Delhi
 Euphorbia cyathophora fl. & seeds,
 more or less broken, & at first
 mixed grasses & forest. Then
 upland rolling grasses - rather
 gently rolling. Delaware is on this.
 Viola pedata fl. patch on prairie
 (a mile out from Delaware.)

Delaware to Delhi - upland prairie

Baptisia bracteata fl. Dowan
 P. or protensis fl.
 Hypericum hirtum fl.
 Phlox pilosa fl.
 Zizia aurea fl.
 Lithospermum canescens fl.
 Antennaria ~~neglecta~~ ^{neglecta} fl.
 Dodecatheon meadia fl.
 Salix humilis fl.
 Castilleja ~~occidentalis~~ ^{occidentalis} (yellow) fl.

P. similis canadensis mostly fr.
 Onida to Greeley - upland prairie
 Dianthus carolinensis fl.
 Horse radish fl.
 + Zizia aurea fl.
 + Salix humilis fl.
 Phlox pilosa fl.
 Achillea millefolium buds
 + Lithospermum canescens fl.
 Anemone ~~modica~~ ^{modica} fl.
 Geranium maculatum fl. (green)
 + Dodecatheon meadia fl.
 + Saxifraga pennsylvanica buds
 Greeley to Col. line at Edgewood & ends.
 Upland prairie. Almost too dark to see.
 Baptisia bracteata fl.

Reached Edgewood at about
 8⁰⁰ P.M. & went to hotel, & to bed early.

May 31, 1923, Thurs.

Started out at 4 A.M., & walked about a mile, along RR., N. & W. of Edgewood. There is quite a bit of undisturbed prairie & long along the RR., and about a mile out, a nice bit of rather low prairie on SW. side, now conspicuously covered with yellow *Castilleja coarctata*, & among them a few with a pink blush. Hundreds of them paint the prairie!

There is here along the RR. much clearing of long & prairie, ¹*Eriophorum*, ²*Phlox pilosa*, ³*Hypoxis hirsuta* and ⁴*Lithospermum canescens* are mingled, - 2 & 4 only scattered.

On the swells the *Eriophorum*, *Hypoxis*, *Saxifraga*, etc. are lacking, and *Phlox*, *Lithospermum*, *Comandra*, etc. hold sway.

clay loam

Low ground:

<i>Eriophorum</i>	br.
<i>Saxifraga pennsylvanica</i>	fl.
<i>Carex</i>	fl. & fr.
<i>Carex</i>	fl. & fr.
<i>Carex</i>	fl.
<i>Viola</i> (<i>canadensis</i> ?)	fl.
<i>Thalictrum</i>	fl. (prairie!)
<i>Oenothera</i>	sp. & old fr.
<i>Aspidium</i>	Thelypteris - from
"	from

Prairie

<i>Lithospermum</i>	<i>canescens</i>	fl.	not rare
<i>Phlox</i>	<i>pilosa</i>	fl.	scattered
<i>Dracopis</i>	<i>virginiana</i>	fl.	local. com.
<i>Hypoxis</i>	<i>hirsuta</i>	fl.	(much of it very com. low)
<i>Sisyrinchium</i>	<i>canadense</i>	fl. & fr.	com.
<i>Comandra</i>	<i>umbellata</i>	fl.	very com. locally
<i>Castilleja</i>	<i>coarctata</i> (yellow)	fl.	rather low.
<i>Viola</i>	<i>pedata</i>	fl.	-(not sandy) frequent.
"	<i>hastata</i> ?	fl.	scattered
<i>Oxalis</i>	<i>violacea</i>	fl. & fr.	not com.
<i>Zizia</i>	<i>aurea</i>	fl.	com.
<i>Hemlock</i>	<i>viridis</i>	fl.	- not many
<i>Antennaria</i>	<i>menziesii</i>	- old fl.	
<i>Salix</i>	<i>humilis</i>	fr.	(golden) fr.

m.m.

Dodecatheon meadia fl. quite com.
Achillea millefolium bud. - com.
Baptisia bracteata fl. (higher grows)
Senecio platensis? fl. (often rather low)
Equisetum arvense sterile + few fertile
Baptisia senegaliensis - buds.
Carex verticillata fl.
Rhus glabra lf. old fr.
Corylus americana lf.
Saxifraga - fr.
Spiraea - old fr. (along RR embankment)
 ? *Pedicularis canadensis* fl. + fl. (rare)
Anemone canadensis fl. (rather low)

I also saw:
Sonchus oleraceus fl.
Taraxacum - fl. + fr.
Lepidogon capitata old fr.
Equisetum zosterifolium lf.
Helianthus grosseserratus lf.
Rubus occidentalis fl. along RR.
Elymus canadensis old fr.

m.m.

Delaware to

Edgemoor to Greeley
Castilleja crimson-yellow fl.
~~*Dodecatheon meadia*~~ fl.
Viola pedata - fl. - a large patch

Greeley to Oneida
Ranunculus abortivus (?) fl. - low.

Oneida to Delaware
Ranunculus abortivus? fl. E.
Pedicularis canadensis fr. com.
Viola pedata fl. - not rare
Castilleja - crimson yellow
 (low rough fr. from meadow & RR)
Hypoxis - lf. + fl. - very common.
Senecio platensis fl. locally abundant
Baptisia bracteata fl.

Started W. from Delaware along
 The Ill. Cent. Ry., and walked
 about a mile. Some parts
 of the banks are rocky (bordered)
 and there is more or less
 sand all along, & *Viola*
pedata & *Lithospermum Gmelin*
 occur in such places.

m.m.

I collected:

Anemone patens var. fr.
 " *cylindrica* - bud
 " *canadensis* fl. - rather low.
Pedicularis canadensis fr. + fl.
Phlox pilosa fl.
Lithospermum canescens fl.
 " *laevigatum* fl. (sandy)
Oxalis violacea fl. fr.
Sisyrinchium campetrum fl. + fr.
Comandra umbellata fl.
Hypoxis hirsuta fl.
Fragaria virginiana fl.
Hemerocallis hirsuta fl.
Dodecatheon meadia fl.
Euphorbia corollata just opening
Baptisia bracteata fl.
Tradescantia fl.
Potentilla canadensis fl.

m.m.

I then went S. along the C. M. & P.
 Ry. 3 miles (to within 1 mi.
 of Delhi).

This is rolling, & cuts show
 a lot of sand, etc. (Buchanan?)

I collected:

Viola pubescens (sandy) fl.
 " *pedatifida* fl.
Oxalis violacea fl.
Sisyrinchium campetrum fl. fr.
Ranunculus acris fl. (low)
Saxifraga pauciflora fl. (")
Phlox pilosa fl.
Lithospermum canescens fl.
 " *laevigatum* fl. (sandy)
Krija amplexicaulis bud.
Guzia aurea fl.
 " *cordata* fl.
Salix fr.
Anemone canadensis fl.
Senecio platensis fl.
Carex
 " fl.
Tradescantia fl.
Hemerocallis hirsuta fl.
Potentilla canadensis fl.

To Mediapolis, June 1, 1923 - Fri.

Left Iowa City for W. Liberty at 2:22 PM.

Left W. Liberty at 3:30 PM.

Day quite light but cutting, windy.
 no intense sun (E side of RR)
 most Liberty to W. Liberty

- Thlaspi arvense* fl. - *Thlaspi* ar
- Flat-fruited *Thlaspi* fl. along RR,
- Sonchus oleraceus* fl. along RR etc.
- Horsetail* - fl. along RR
- Hieracium* *repens* fl.
- Anemone* *canadensis* fl. rather low
- Silphium* *perfoliatum* fl.
- " *laciniatum* fl.
- Baptisia* *fruticulosa* fl.
- Equisetum* *arvense* sterile along RR
- Scrophularia* *lupulina* fl.
- Oxybaphus* *myrtifolius* fl. - along RR
- Dracopis* *racemosa* fl.
- Senecio* *glaberrimus* fl.
- Tragopogon* fl. - along RR, etc.
- Lepidium* *virginicum* fl. along RR
- Yucca* *filifera* fl. near woods
- Achillea* *millefolium* fl.
- Thalictrum* *dasyphyllum* fl.
- Ligula* *arvensis* fl.
- Galium* *virginicum* fl.
- Asparagus* *officinalis* fl. along RR

Expenses - Mediapolis

RR to Mediapolis
 RR to Iowa City

\$ 2.24
 2.24

M.M.

Nichols, to Come

- [illegible]

m. m.

all in all

Santa & Wapello 2 and 1, sandy
v. Wapello a button bridge with big shell heap.
Wapello & Wapello 2 and 1, sandy

Partly in woods - Broken & decaying
the more open ground.

1000

Poa pratensis L.
Dicentra pulchra DC. deep red
double flower yellow fl.
Mornes co.

activities will follow. *Cont. on p. 2*

Oxyphaps ophryos fl.

Leptocarpus

2011

Strophomena carinata D. in the str.

James M. Allen

1. *Antennae* 11-segmented, 1st segment 1.5 times length of 2nd, 2nd segment 1.5 times length of 3rd, 3rd segment 1.5 times length of 4th, 4th segment 1.5 times length of 5th, 5th segment 1.5 times length of 6th, 6th segment 1.5 times length of 7th, 7th segment 1.5 times length of 8th, 8th segment 1.5 times length of 9th, 9th segment 1.5 times length of 10th, 10th segment 1.5 times length of 11th.

Scaphium *scaphium*

~~Antennae~~ ~~Antennae~~ ~~Antennae~~

Feb 19 1900

Have Com. address on Wharf

M.M.

June 2, 1923 - Sat. - To Huron

Hot, muggy, cloudy

Left at 2:30 PM.

Along RR. - To Huron (E. side)

- Scrophularia sepium* fl.
- Equisetum arvense* fr. RR.
- Pastinaca sativa* fl. RR.
- Poa pratensis* fr. RR. etc.
- Phlox pilosa* fl. mostly red, white
- Hemlock* fr. fl. pink
- Sida spicata* fl.
- Rumex* fl. (low)
- Anemone canadensis* fl. (low)
- Senecio platensis* fl. (low)
- Erigeron annuus* fl. (low)
- Zizia aurea* fl.
- Lithospermum canescens* fl.

M.M.

Wilton To Summit (W. side RR.)

- Brickellia leucantha* fl.
- + *Phlox pilosa* fl.
- + *Zizia aurea* fl.
- Polygonum senega* fl.
- + *Corylus americana* fl.
- + *Rhus glabra* fl.
- + *Sisyrinchium campitru* - fr. fl.
- + *Lithospermum canescens* - fl. (rather dry)
- + *Salix humilis* fr. + fl.
- Anemone modica* fl.
- + *Poa pratensis* fr.
- Rubus allegheniensis* fl.
- Senecio platensis* fl.
- + *Sida spicata* fl.
- + *Comandra umbellata* fl.
- Potentilla canadensis* fr. (few fls.)
- + *Achillea millefolium* buds
- Scilla herbacea* buds
- + *Hypoxis hirsuta* fl. (closed -)
- + *Hebeclera hispida* fl.
- Erigeron annuus* fl.
- + *Sedum spectabile* fl. (closed)
- Krugia amplexicaulis* fl. (closed)
- Baptisia bracteata* fl.
- Lespedeza bicolor* fl.

Summit for 2 m. out - + road:

- Anemone canadensis* fl.
- Geranium maculatum* fl.
- Thalictrum dasycarpum* buds
- Parthenium integrifolium* fl.
- Saxifraga pennsylvanica* fl. (low)

Sat. July 14, 1923

Sandy prairie - S. of Iowa City (W. ind.)

Le système étranger R.

Eastern and Western

~~Wigman~~ H. com

Empodium *Leptoclytus* *g*

... ..

hidromydrum

Calliparus verticillatus H. Aud.

Agrostis praeinens Pl.

Microtus pennsylvanicus

grotus lyeuatin 60

Leidy - capitata sp.

Antennaria racemosa H.

from the 1st of

Ag. festucae Fr. K.

Euphrastylis helveta sp.

seron complementing of (disturb)

~~Handwritten text, possibly a signature or name, crossed out with a vertical line.~~

1940

Grasshopper - J. H.

ma. fruticosa L. 12

Asclepias speciosa L.

John P. Berlin

from the ground 4/10/1

140

1891

Desmodium album L. var.

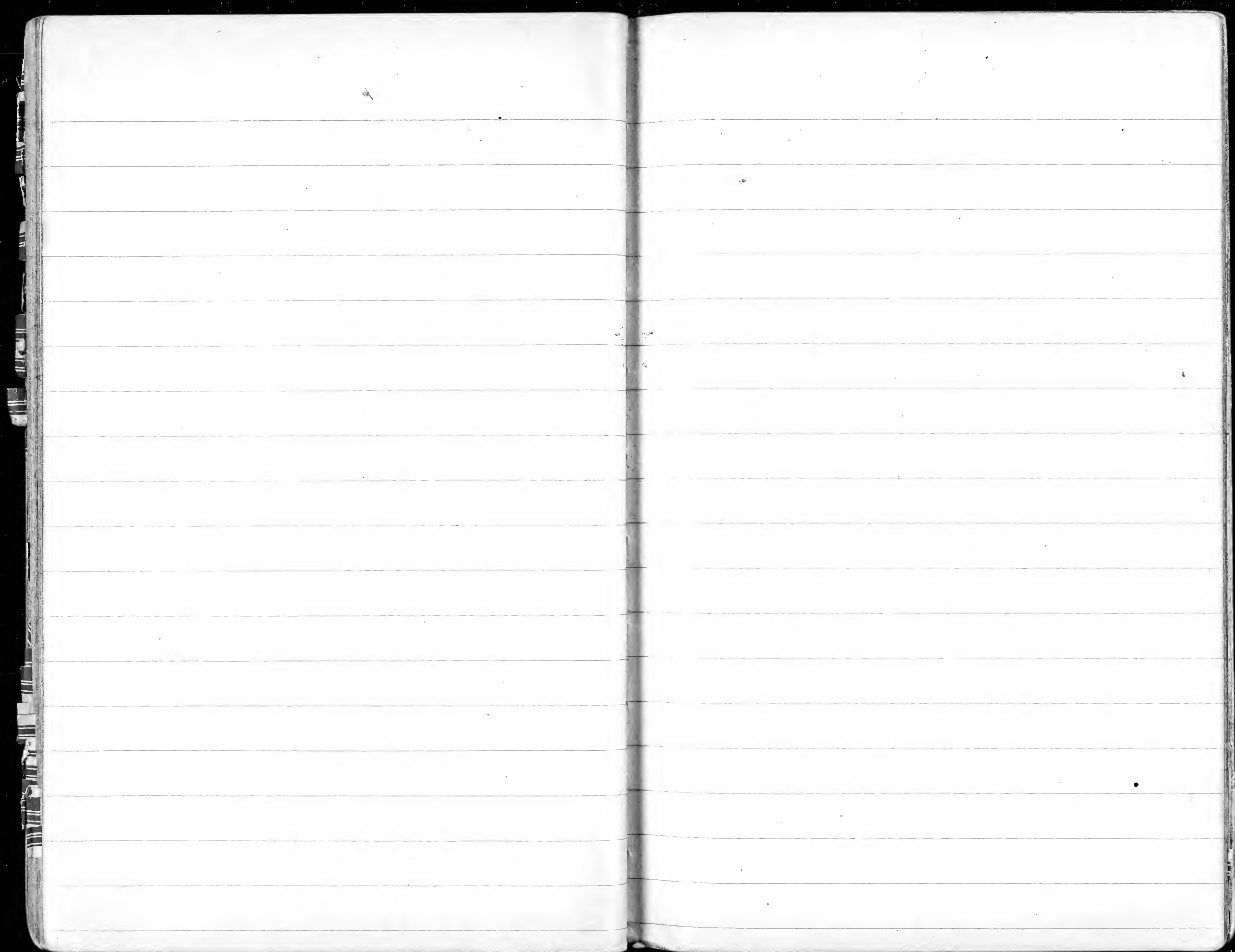
Corynephorus mylagini Fr.

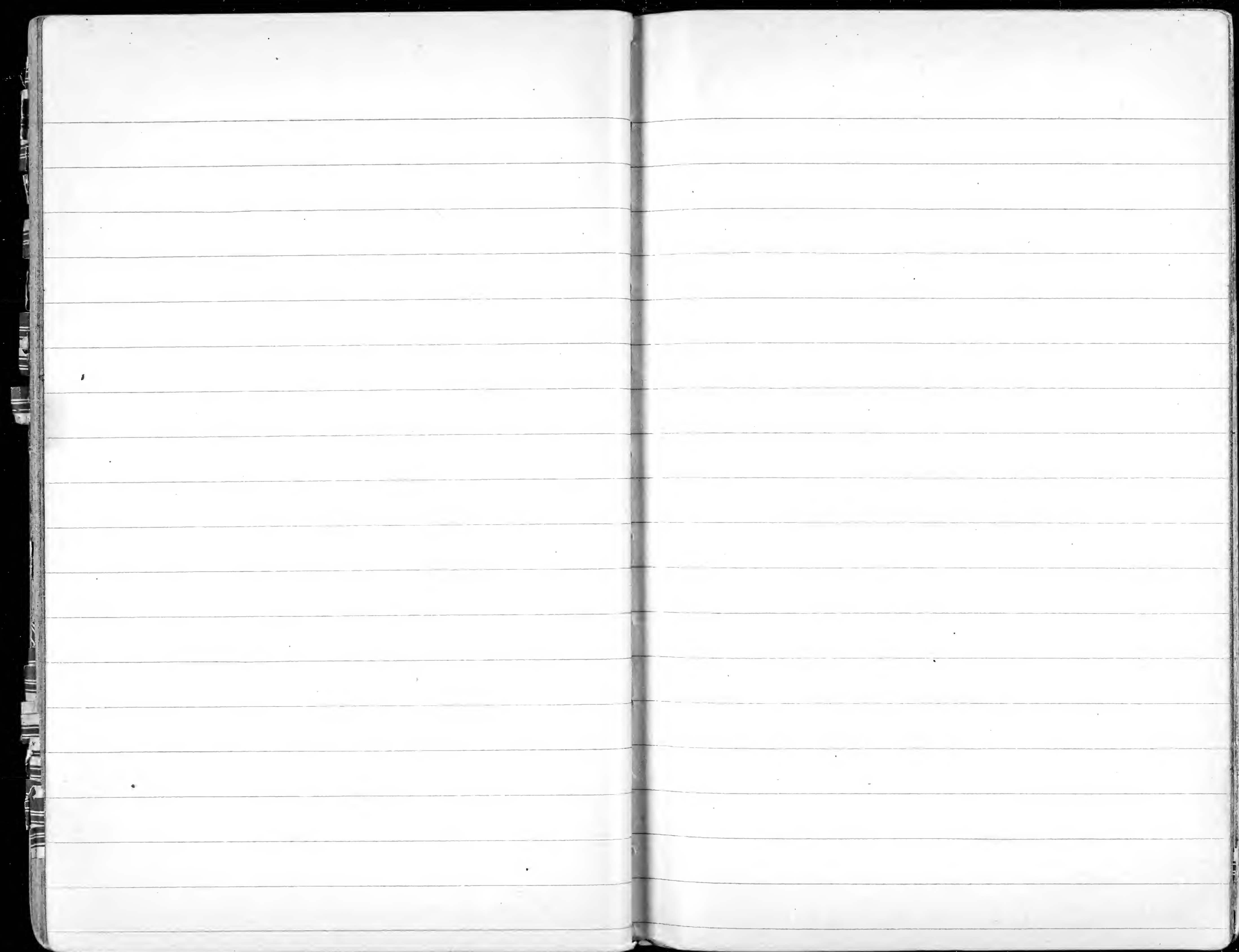
on a golden side

Arctostaphylos uva-ursi L.

Anschluss repariert
 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 83

Chrysomelidae
Chrysomelidae





May 19-1923 - Sat.

E. of Iowa City, with Ecology class.

Commencing at south end of country
pole-section, going E. - to E. line of city

[illegible]

May 17 (Th.). New London. What Next?
Lve. Iowa City ¹²¹ am. Muscat. lve. am. Fairfield lve. am. New London

May 18 (Fri.). Perry. The Citizen & the School.
Lve. Iowa City ¹²¹ am. Des Moines lve. am. Perry. 156 mi.
4:35 am. 8:10 8:17 am. 12:25 pm. 312 mi.
9:08 am.
Lve. Perry ³⁵ am. Des Moines am. Iowa City.
8:35 am. 9:50
5:37 am. 7:00
3:56 pm. 5:15

The Citizen and the School.
May 21 (Mon.). Arlington. 88 115 mi.
Lve. Iowa City ²⁷ am. Cedar Rap lve. am. Arlington
5:45 am. 9:27 am.
5:00 pm. 8:33 pm.
Lve. Arlington am. Cedar Rap. lve. am. Iowa City
6:48 am. 10:55
4:32 pm. 8:55.

May 22 (Tue.) Lone Tree. What Next?

May 23. (Wed.) Riverside. What Next?
Lve. Iowa City ¹⁵ am. Riverside lve. am. Iowa City
4:00 pm. 5:09 10:15 am. 11:15.

May 24 (Thurs.). Montour.
Lve. Iowa City ²⁷ am. Cedar Rapids lve. am. Montour
2:40 pm. 5:01

Lve. Montour ⁵⁹ am. Cedar Rapids
9:41 pm. 11:55.

The Citizen & the School.
May 25 (Friday) Oxford Junction.
Lve. Iowa City am. Cedar Rap lve. am. Oxford Jc.
3:00 pm. 4:45 pm.

Lve. Oxford Jc. am. Marion lve. am. Cedar Rap. lve. am. Ia. City.
10:45 pm. 11:32.

May 30. (Wed.) Olin. Memorial Day.

May 31 (Th.) - Manchester.

June 1 (Fri.) Mediapolis ^{Supt. W. L. Rhea Is a High School Educ. Practically}

16. 46.
Lve. Iowa City ^{16.} am. ^{46.} Wat. Lib. Lve. am. Mediapolis.

2:30 pm. 3:04 3:30 5:29.

Lve. Mediapolis am. W. Lib Lve. am. Iowa City

5:15 am. 6:50 7:07 am. 7:30

10:10 pm 11:55

For painting over wounds
of trees, use 3 parts water-
glass (for preserving eggs) & 1 part
water. Clean & smooth the surface.

